~~storage, and/or retrieval thereof, said method further~~ including:

recording the programs in a data storage medium at the user's location, selecting a particular program from the data storage medium at the user's location and decompressing said particular program for use by the user before or after storage, which use can include displaying of a particular program including at least some of said substantive displayable information.

Claim 68. I claim the method of claim 67 characterized by storing multiple programs delivered on a schedule over which the user has no control in one storage medium.

Claim 69. I claim the method of claim 67 characterized by storing the programs in a compressed format.

Claim 70. I claim the method of claim 67 characterized by the addition of delivering and storing program information at the user's location and accessing said program information.

~~Claim 71.   I claim the method of claim 70~~ characterized by the addition of using a data manager means to access the program.

Claim 72.   I claim a method for accessing multiple programs delivered in a compressed form on one or more delivery media together with program identification data to a user at a given user location,

at least one of said multiple programs including at least some substantive displayable information that may be distinct from a listing of the program identification data,

the method including:

recording at the given user location program identification data for the multiple programs,

accessing at the same given user location the recorded program identification data for the multiple programs,

processing at the same given user location the recorded program identification data to selectively access to at least one of the multiple programs,

and using said at least one of the multiple programs, which use of such programs can include display of the program including said at least some substantive displayable information.

Claim 73. I claim the method of claim 72 characterized in that the multiple programs and program identification data are delivered contemporaneously and by the addition of delaying the programs to allow processing of the program identification data.

Claim 74. I claim the method of claim 72 characterized by the addition of processing the program identification data by a data manager means.

Claim 75. I claim the method of claim 72 characterized by the addition of accessing the programs by a data manager means.

Claim 76. I claim an improved method for delivering multiple programs in a compressed form via one or more delivery channels from a site to a particular user's location without the particular user's control,

at least one of said multiple programs including at least some substantive displayable information that may be distinct from a listing of the programs allowing access, storage, and/or retrieval thereof,

said improved method including:

(the storing at least certain of the multiple programs in compressed form at the particular user's location and selectively accessing and decompressing the programs at that particular user's location respectively,

said accessing including displaying the programs, which displaying can include the program including said at least some substantive displayable information.

Claim 77. I claim the method of claim 76 characterized in that said storing the programs includes an optical storage medium.

Claim 78. I claim the method of claim 76 characterized in that said storing the programs includes computer memory.

Claim 79. I claim the method of claim 76 characterized by compressing the programs in a MPEG type form and selectively decompressing said MPEG type signals.

Claim 80. I claim an access method having a storage capability with a limited capacity, the improvement including:
storing materials in the storage having a limited capacity,

and automatically overwriting previously stored

material including at least some material which has not been

previously accessed based on determinable criteria developed

from a known set of priorities,

said known set of priorities which includes at least

one priority other than updating of existing materials.

Claim 81. I claim the method of claim 80

characterized in that said overwriting includes consideration

of available storage.

Claim 82. I claim the method of claim 80

characterized in that said overwriting includes consideration

of the time the program was stored.

Claim 83. I claim the method of claim 80 wherein

there are multiple users having a priority and characterized in

that said overwriting includes consideration of the multiple

user's priority.

Claim 84. I claim an access method having a storage

capability for programs, the programs subject to an access,

storage, and/or retrieval date,

the improvement including:

storing programs in the storage area, and automatically allowing access for storage of programs in previously utilized storage area upon occurrence of a certain event other than the accessing of the stored program in such storage area, with at least one of said programs including at least some of said substantive displayable information.

Claim 85. I claim the access method of claim 84 characterized in that said certain event is the arrival of a certain time subsequent to the time of a particular program's storage.

Claim 86. I claim an access method having an ability to reproduce an accessible program having frequency related information with a certain intended run time of presentation, for a user requiring a different run time of presentation,

the improvement including:

selecting the accessible program from multiple programs and altering the frequency of the frequency related information to automatically compensate for the different run time of presentation and thus the certain run time of presentation of the accessible program to the different run time.

Claim 87. I claim the access method of claim 86 wherein the different run time is determined by the user's interruption of access to the programs.

Claim 88. I claim the access method of claim 87 characterized in that said accessible program would normally terminate at a time certain and

characterized in that said altering the different run time so as to terminate said accessible program at the same time as said time certain.

Claim 89. I claim an access method for multiple programs delivered in compressed form across one or more delivery channels,

the multiple programs include at least one program delivered without a given user's request therefor and a listing which may be separate of the programs allowing access, storage, and/or retrieval thereof,

a program data stream, said program data stream including at least some substantive displayable information,

said access method including:

selecting at the given user's location [to select] a particular program from said program data stream without off location contact using the listing,

recording said selected program in a data storage

media,

and decompressing said selected program for displaying, said displaying which can include display of the program including said at least some substantive displayable information.

Claim 90. I claim the method of claim 89 characterized in that program identification data is also delivered for those programs delivered without a given user's request,

the multiple programs and program identification data being delivered substantially contemporaneously and by the addition of delaying the programs to allow processing of the program identification data.

Claim 91. I claim the method of claim 90 characterized by the addition of processing the program identification data by a data manager means.

Claim 92. I claim an access method having a storage area for programs having substantive displayable information, the programs subject to access, storage, and/or retrieval by a listing,

~~[the improvement including~~:

recording at least part of a given program having substantive displayable information in the storage area,

accessing at least part of said given program having substantive displayable information from the storage area so as to select reproduction thereof and

recording programs having substantive displayable information at the same time as said reproduction which recording can include the remainder of said given program and/or another program in the storage area.

Claim 93. I claim an access method having a decompression circuit and a frequency artifact producing circuit,

the improvement of passing programs through the decompression circuit and then passing them through a frequency artifact modifier circuit,

and selectively bypassing the frequency artifact modifier circuit when the frequency artifact producing circuit is inactive.

Claim 94. I claim the access method of claim 93 characterized in that the decompression ~~decoder is a MPEG type~~ decoder.

characterized in that the artifact modifier circuit is a frequency converter.

Claim 96. I claim an access method having multiple channels of substantive displayable information and access information for delivery of programs to a remote location,

the method including:

a data manager,

storing the access information relative to the delivered information including information relative to at least one delivered upcoming program in the memory of a data manager located at said remote location,

and selectively controlling access to the substantive displayable information on the multiple channels for presentation of said programs which can include the display of said at least one delivered upcoming program at said remote location using said data manager.

Claim 97. I claim the access method of claim 96 characterized by the addition of storing the channels of information.

Claim 98. I claim the access method of claim 96 characterized by the addition of program information relative to the multiple channels of information and utilizing such program information in the data manager.

Claim 99. I claim the access method of claim 96 characterized by the addition of other services and accessing said other services by said data manager.

Claim 100. I claim an improved access method for a particular user to access multiple programs delivered in compressed form via one or more delivery channels,

at least one of said multiple programs including at least some substantive displayable information,

said access method including delivery program information separate from said substantive displayable information to the particular user at the given location,

recording multiple programs in a compressed format in a data storage medium at the given location,

accessing by the particular user at the given location said program information and selecting a particular program for presentation at the given location,

, and decompressing said particular program for display which can include the display of said at least some substantive displayable information.

Claim 101. I claim the access method of claim 100 characterized by the addition of allowing the user to access the program through the data manager means.

Claim 102. I claim a method having multiple programs transmitted in a compressed form via a transmission media with program identification data transmitted to a particular user at a given location,

at least one of the programs including at least some substantive displayable information that may be other than the program identification data,

the method including the particular user directly accessing the program identification data at the given location,

delaying the programs to allow processing of the program identification data, processing the program identification data at the given location,

and processing the program identification data and allowing the particular user to selectively access the programs at the given location by a data manager means at the given

~~location, which access can include displaying said at least~~

some substantive displayable information.

Claim 103. I claim an improved method for a
multiplicity of programs transmitted in a compressed form on
one or more transmission channels,
    listing the programs to allow the access, storage,
and/or retrieval thereof also being transmitted,
    characterized by the addition including:
    storing said multiplicity of programs in their
compressed form at a given location,
    at least one of said multiplicity of programs
including at least some substantive displayable information,
    said storing the programs including an optical
storage medium which storage can include said at least some
substantive displayable information,
    and selectively accessing a program using the listing
and decompressing the program from said means to store the
programs at said given location for display.

Claim 104. I claim the access method of claim 103
characterized in that the programs are compressed in a MPEG
type form and selectively ~~decompressing said MPEG type signals~~.

Claim 105. I claim the access method of claim 103 characterized in that there are a number of sets of multiplicity programs that are selectively stored.

Claim 106. I claim an improved access method for substantive displayable programs delivered via one or more delivery channels,

listing the programs allowing the access, storage, and/or retrieval thereof also delivered,

said access method including:

recording at least selected ones of the delivered programs in a program data storage,

selectively retrieving said selected ones of the delivered program from said program data storage using the listing by a user control,

and simultaneously recording other selected portions of the delivered programs in said program data storage as said selected portion of a substantive displayable program is being selectively retrieved by said user control.

Claim 107. I claim the access method of claim 106 characterized in that said selected portion and at least one of said other selected portions are from the same program.

Claim 108. I claim the access method of claim 106 characterized in that said selected portion and at least one of said other selected portions are from different programs.

Claim 109. I claim the access method of claim 107 wherein the program of which said selected portion is a part having a normal presentation conclusion time from initial retrieval

and characterized in that the retrieving said selected portion can be selectively interrupted by the user for a period,

any retrieving of said selected portion can be accelerated to compensate for said period, and said acceleration allowing the program to end at the normal presentation conclusion time.

Claim 110. I claim the access method of claim 109 wherein the program has a frequency and characterized by altering the frequency of any accelerated portion to be substantially equal to the frequency of the program.

Claim 111. I claim an improved access method for programs transmitted via one or more transmission channels, and

a listing of the programs allowing the access, storage, and/or
retrieval thereof,

said access method including:

passing a data stream via a delivery channel for
recording in a data manager located at a particular user's
given location,

accessing the data in said data manager using the
listing of programs,

recording at least some of one or more of the
programs transmitted on the transmission channel without any
active selection by the user in a program data storage,

at least one of said programs including at least some
substantive displayable information,

and retrieving selected portions of the programs in
said program data storage at said given location via the
listing thereof in said data manager, which retrieval can
include the display of said at least some substantive
displayable information.

Claim 112. I claim the access method of claim 111
characterized in that said data stream includes information of
upcoming substantive programs.

Claim 113. I claim the access method of claim 111 characterized by selectively programming said user control to automatically record programs in said program data storage based on the data in said data manager.

Claim 114. I claim the access method of claim 111 characterized by transmitting substantially all of the programs transmitted on a transmission channel without any user's control.

Claim 115. I claim the access method of claim 114 characterized in that the programs are substantially continually transmitted.

Claim 116. I claim the access method of claim 111 characterized in that said program data storage can record programs and the user retrieving a program from said program data storage at the same time.

Claim 117. I claim the access method of claim 111 wherein the program of which said selected portion is a part having a normal presentation conclusion time from initial retrieval and characterized in that retrieving of said selected

portion can be selectively suspended by the user for a period

of time,

     automatically accelerating any retrieving of said

selected portion to compensate for said period of time,

     and said accelerating allowing the program to end at

the normal presentation conclusion time.

     Claim 118. I claim the access method of claim 117

wherein the program has an original frequency and characterized

by altering the frequency of any accelerated portion by a

frequency shift means to be substantially equal to the original

frequency of the program.

     Claim 119. I claim an improved access method for

programs transmitted on one or more transmission channels, said

access system including:

     passing a data stream via a delivery channel for

access at the direction of a data manager located at a

particular user's given location,

     allowing access to the data in said data manager by a

user control,

     recording at least some of one or more of the

programs transmitted on the transmission channel in a program

data storage without any active selection of individual ones of the specific programs by the user,

at least one of said programs including at least some substantive displayable information other than listing data,

automatically recording selected portions of the transmitted programs in said program data storage at said given location using the listing data in said data manager, which recording can include said at least some substantive displayable information.

Claim 120. I claim the access method of claim 119 characterized by programming said selection to discard programs recorded in said program data storage including programs not yet retrieved according to a known set of priorities.

Claim 121. I claim the access method of claim 120 characterized in that said known set of priorities includes the available recording room in said program data storage.

Claim 122. I claim the access method of claim 120 characterized in that said known set of priorities are ranked in an order of preference.

~~Claim 123. I claim the access method of claim 119~~ characterized in that said known set of priorities may be changed from time to time.

Claim 124. I claim the access method of claim 118 characterized by programming said select means to record transmitted programs in said program data storage according to a selection algorithm.

Claim 125. I claim the access method of claim 123 characterized in that said selection algorithm includes one or more of consideration of the desirability of the program to the user,

the number of users for a program, the time of the program, the relation of the program to programs previously stored, the content of the program, the particular channel for the program and/or the availability of removable storage.

Claim 126. I claim the access method of claim 124 characterized in that said selecting discards or records over previously recorded programs in said program data storage including not retrieved programs according to a known set of priorities.

~~Claim 127. I claim the access method of claim 126~~
~~characterized in that said known set of priorities includes the~~
~~available recording room in said program data storage.~~

~~Claim 128. I claim the access method of claim 126~~
~~characterized in that said known set of priorities are ranked~~
~~in an order of preference.~~

~~Claim 129. I claim the access method of claim 126~~
~~characterized in that said known set of priorities may be~~
~~changed from time to time.~~

REMARKS

Applicant adds new claims 67-129. These new claims
are method claims corresponding to the existing apparatus
claims 1-66 respectively.

In respect to the merits of the matter, the USPTO
issued an office action dated March 9, 2001 in respect to the
above entitled application.

In respect to the rejection of the claims under 35
USC 102(b) as being anticipated by Tweedy U.S. Patent 4,816,905
applicant respectfully requests the examiner's reconsideration
of this rejection.